

# Genoa: 6000603 Dorr.des

Design Info  
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Design File:  
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000603 Dorr\6000603 Dorr.des

Initial Design Date: 8/6/2022  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic: 55.118Ft  
 Leech geodesic: 54.658Ft  
 Foot geodesic: 26.405Ft  
 Headboard width: 0.115Ft  
 Luff perpendicular (HLP): 25.656Ft  
 Upper width (HUW): 2.965Ft  
 Three-quarter width (HTW): 5.948Ft  
 Half width (HHW): 12.434Ft  
 Quarter width (HQW): 19.113Ft  
 Foot median: 54.189Ft  
 ORC Headsail area: 694.829Ft?  
 IRC Headsail area: 692.432Ft?  
 Surface area: 702.059Ft?  
 Forestay height: 56.594Ft  
 J: 16.995Ft

### Luff Curve

55.108Ft, 0.000Ft  
 50.529Ft, 0.187Ft  
 45.464Ft, 0.338Ft  
 41.006Ft, 0.416Ft  
 35.821Ft, 0.445Ft  
 27.424Ft, 0.391Ft  
 17.910Ft, 0.265Ft  
 9.315Ft, 0.133Ft  
 0.000Ft, 0.000Ft

### Fanned Luff (@ 5.00% [1.302Ft])

100% (55.109Ft) : 0.000Ft  
 90% (49.592Ft) : -0.193Ft  
 80% (44.095Ft) : -0.358Ft  
 70% (38.578Ft) : -0.431Ft  
 60% (33.068Ft) : -0.429Ft  
 50% (27.556Ft) : -0.389Ft  
 40% (22.045Ft) : -0.327Ft  
 30% (16.533Ft) : -0.254Ft  
 20% (11.025Ft) : -0.175Ft  
 10% (5.506Ft) : -0.094Ft  
 0% (0.000Ft) : 0.000Ft

### Before BSeam

-0.000Ft  
 -0.001Ft  
 0.019Ft  
 0.099Ft  
 0.195Ft  
 0.261Ft  
 0.298Ft  
 0.288Ft  
 0.220Ft  
 0.107Ft  
 0.000Ft

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## Seam Allowances

Zone: 1	Split	Radial	Cross
	0.000Ft	0.000Ft	0.262Ft

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000Ft	0.000Ft	0.000Ft

## Total Seam Lengths (Ft)

Horizontal	56.84
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	704.30	1,2,3,4,5

